## **ABSTRACT**

The present invention concerns a new fractionated polydisperse carbohydrate composition having the following definition: an av. DP which is significantly higher than the av. DP of a native polydisperse carbohydrate composition, significantly free of low molecular monomers, dimmers, and oligomers, significantly free of impurities chosen among the group consisting of colourings, salts, proteins and organic acids, significantly free of technological aids such as solubility affecting products. The present invention concerns also the preparation process of the composition according to the invention.